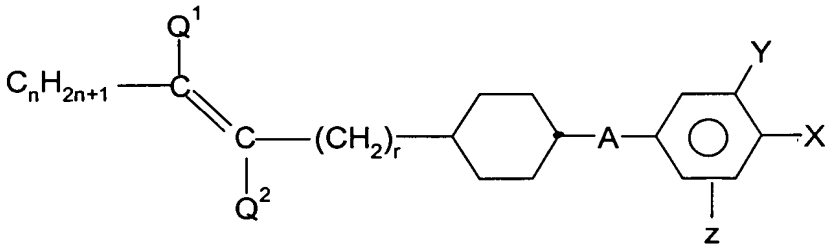

B1 cont

in which n is 0 to 7, Q^1 and Q^2 are H, or one of these radicals is alternatively CH_3, r is 0, 1, 2, 3, 4 or 5, A is trans-1,4-cyclohexylene, 1,4-phenylene, 3-fluoro-1,4-phenylene or a single bond, X is -CN, and Y and Z are each, independently of one another, H or F, with the proviso that, in the case where A is a single bond, $Q^1 = Q^2 = H$ and simultaneously X=CN, Y and/or Z are F.

7. (Amended) A liquid-crystalline medium comprising at least two liquid-crystalline oomponents, wherein at least one component is a phenylcyclohexane of formula I according to claim 1.

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8. (Amended) An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 7.

Please cancel claims 2-6 without prejudice or disclaimer.

Please add the following new claims:

~~9~~. **(New)** A phenylcyclohexane according to claim 1, wherein Q^1 and Q^2 are H and A is trans-1,4-cyclohexylene.

B3

10. **(New)** A phenylcyclohexane according to claim 1, wherein n is 0.

11. **(New)** A phenylcyclohexane according to claim 1, wherein n is 1.

12. **(New)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 9.

13. **(New)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 12.

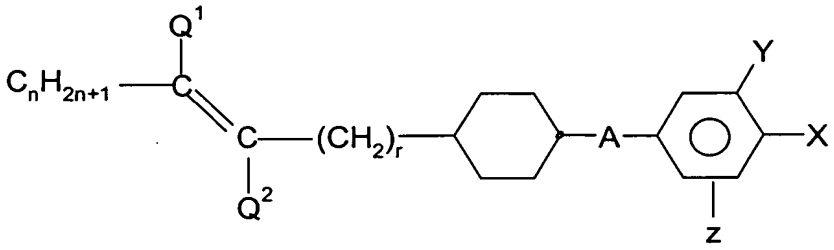
14. **(New)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 10.

15. **(New)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 14.

16. **(New)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 11.

17. **(New)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 16.

18. **(New)** A phenylcyclohexane of formula I



in which n is 0 to 7, Q^1 and Q^2 are H, or one of these radicals is alternatively CH_3, r is 0, 1, 2, 3, 4 or 5, A is trans-1,4-cyclohexylene, 1,4-phenylene, 3-fluoro-1,4-phenylene or a single bond, X is F, Cl, $-CF_3$ or $-OCF_3$ and Y and Z are each independently H or F.

19. **(New)** A phenylcyclohexane according to claim 18, wherein Q^1 and Q^2 are H and A is trans-1,4-cyclohexylene.

20. **(New)** A phenylcyclohexane according to claim 18, wherein n is 0.

21. **(New)** A phenylcyclohexane according to claim 18, wherein n is 1.

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22. **(New)** A phenylcyclohexane according to claim 18, wherein X and Y are F and Z is H.

23. **(New)** A phenylcyclohexane according to claim 18, wherein Z is F.

24. **(New)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 18.

25. **(New)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 24.

26. **(New)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 19.

27. **(New)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 26.

28. **(New)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 20.

29. **(New)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 28.

30. **(New)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 21.

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31. **(New)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 30.

32. **(New)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 22.

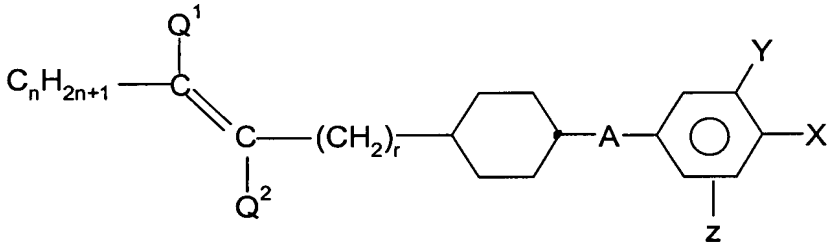
33. **(New)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 32.

34. **(New)** A liquid-crystalline medium comprising at least two liquid-crystalline

components, wherein at least one component is a phenylcyclohexane of formula I according to claim 23.

35. **(New)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 34.

36. **(New)** A phenylcyclohexane of formula I



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in which n is 0 to 7, Q^1 and Q^2 are H, or one of these radicals is alternatively CH_3. r is 0, 1, 2 or 3, A is trans-1,4-cyclohexylene, 1,4-phenylene,3-fluoro-1,4-phenylene or a single bond, X is F, and Y and Z are each independently H or F.

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37. **(New)** A phenylcyclohexane according to claim 36, wherein Q^1 and Q^2 are H and A is trans-1,4-cyclohexylene.

38. **(New)** A phenylcyclohexane according to claim 36, wherein n is 0.

39. **(New)** A phenylcyclohexane according to claim 36, wherein n is 1.

40. **(New)** A phenylcyclohexane according to claim 36, wherein X and Y are F and Z is H.

41. **(New)** A phenylcyclohexane according to claim 36, wherein Z is F.

42. **(New)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 36.

43. **(New)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 42.

44. **(New)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 37.

45. **(New)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 44.

46. **(New)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 38.

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47. **(New)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 46.

48. **(New)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 39.

49. **(New)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 48.

50. **(New)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 40.

51. **(New)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 50.

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52. **(New)** A liquid-crystalline medium comprising at least two liquid-crystalline components, wherein at least one component is a phenylcyclohexane of formula I according to claim 41.

53. **(New)** An electrooptical display based on a liquid-crystal cell, wherein the liquid-crystal cell contains a medium according to claim 52.--